

This month we salute
The Florida Sideband Emergency
Net
in operation 10 continuous years.
(See page 8.)

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~~17555 Dunlap Dr.~~
~~Deltona, FL 32725~~

FLORIDA SKIP

VOLUME 14 NO. 5

THE ALL-FLORIDA RADIO AMATEUR'S PUBLICATION

OCTOBER / 1970

Price 20c

Who Am I?

By K2RDM-4 Bob Pohorence
(WB4RSK?), Miami

Guess every prospective amateur at one time or another gets terribly anxious to receive fcc with his new call letters. To me its like being christened with a new name.

The early part of June I applied for a second station call sign. I mailed off my \$4.00 check for the expected WB4 call sign. July passed and no FCC envelope. Instead cancelled checks including the one to the FCC stamped "FEE PAID June 15, 1970, FCC". I wish they would have stamped my call sign on that check! Sort of an early warning system, you know.

Then during the first week of August, a catalog was received from TRIGGER Electronics in Illinois addressed to me and low and behold, with the call WB4RSK. Could it be that the FCC tells everyone else before the Licensee? Or was this a mistake? I quickly thumbed through the Call Book and sure enough, they were down to WN4P's so it probably was my new call alright, but where was my license? Then came other catalogs and even Florida Skip, all with WB4RSK.

If the FCC can notify all these companies before me, something is wrong! I'm confident by the time you read this I will have received my license. And it only took 4 months!

For this we now pay \$9.00!

SOCIETY OF WIRELESS PIONEERS

By Frank Adee, K4PI

The writer has been appointed by the officers of this organization to serve for the coming year, to help develop and build up the membership of this group in all areas. I will concentrate primarily on Florida and adjoining states.

For the benefit of subscribers and readers of Florida Skip the requirements for membership in SOWP are simply that the applicant have at one time been a commercial wireless operator or brass pounder up until and including WWII. Other information such as classification of members into different groups and the publications put out by the Pioneers are contained in the application form.

I would be very glad to answer any letters or telephone calls on the matter and to mail an application blank to anyone who is interested and eligible.

QTH: 92-31st Ave., St. Petersburg, FL 33706.

SILENT KEYS

We are deeply sorry to report the passing of the following Florida amateurs:

W4UKX — Harlon E. Wright, St. Petersburg

K4NF ex W4RUM — Clay Roberts, Miami

K4AFB — Charles L. Davis, Clearwater

WA4EYI — Inman Howell, Dunedin

K4RX — Charles M. Morenus, Hernando

WA4IHD — Ted Seaman, Safety Harbor

K4RA ex W3SM, W3SW — Robert Adams, Boca Raton

K4DRJ ex W1DXO, Bob Abbott, Deltona

5 Men In A Canoe

Our group numbered five as we embarked from Flamingo on that fateful Saturday, March 21, in two heavily loaded canoes. The near impossible task we had set before us was to reach the town of Everglades some 100 miles to the north in a mere four days. We knew it was a seven day trip, but we could only spare the four days from our jobs in Gainesville. The park rangers had been notified and would start to search for us if we didn't arrive in Everglades on schedule.

Armed with a trusty little QRP transceiver constructed by Donald Nesbitt, K4BGF, and several prearranged 40 meter skeds, we felt we could obtain help should an emergency arise. The group consisted of members of the local Sierra Club in Gainesville: Keith Doty, Eric Entemann, since licensed as WN4RRN, Tom Bullock, K4BOX, Tom's first harmonic, 8 year old Joe, and Bill Wells, WB4JAO.



As we made our way down the narrow canal toward Whitewater Bay, our helically wound vertical swayed wildly in the air above the canoe as we were almost capsized several times by large power boats. But we were fortunate and escaped with only some water over the gunwales which we quickly bailed out.

When we reached the relative calm of Whitewater Bay it was already 1300 and we had missed the noon sked with Dave Stockey, K4KE, and Richard Stanford, WB4EPD. Little did we know that

(Continued on Page 16)

FLORIDA SKIP, INC.

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10

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—Editor

Dear Mabel XYL Award, c o Skip, Box 501, Miami Springs, Fla.

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DCARPSC, WB4KQR, Miami
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Hollywood, WA4RLS

**DON'T FORGET
10TH IS DEADLINE
FOR ALL COPY**

F.L.A.R.C.

The Florida League of Amateur Radio Clubs (FLARC) is underway. Many clubs have sent their approval of the idea to Al Marcy, W4ID, organizer. Some have not. In order to allow all clubs a chance to express their thoughts on FLARC, the closing deadline has been extended to Dec. 7, 1970. Many clubs were closed during the last deadline.

This will be the last call for all Florida clubs and networks to get in a yea or nay. All clubs and nets have already been sent a sample copy of the Constitution and By-Laws. Don't put it off — drop W4ID a card today. Al Marcy, W4ID, 461 Third Ave., Sea Park, Eau Gallie, Fla. 32935.



Letters To Editor

Editor,

I have enjoyed reading Florida Skip during my years here at the University of Florida in Gainesville, and I count myself as one of many who have taken your fine work as editor for granted.

In as much as I am now leaving this fine state, I thought it was about time I dropped you a line expressing my appreciation to you for the work you have done over the years with Florida Skip. I am heading north to the University of Pittsburgh where I will be doing research in the general area of physics of the ionosphere.

Bill Wells
WB4JAO-3

Apt. 28
4 Bayard Rd.
Pittsburgh, PA 15213

Editor & XYL:

Couldn't bring myself to just enclose renewal check without some kind of a note or other, so here we are! It has been a long time and a lot of Skips since that first buck at Rock Springs and lots of RF has floated around the ionosphere and back again... to say the least. All of us in amateur radio owe the both of you a tremendous pat on the back for all your hard work these many 14 years.

The outstanding feature of "Florida Skip" is its tendency to unite, rather than divide; to build, rather than disintegrate. It's a real joy in this divide and conquer world.

Art Raynor, K4GOX
Bartow, Fla.

Editor:

Here is a true land-line QSO between two hams you know.

The Seaton Civic Club was holding a horse show at Brandon and "He", being a member, was helping to get the show started when the seam in the back of his slacks let go. He called his XYL on the landline and this was part of the conversation:

He — "Honey, I just had an accident."

She — "Oh, are you hurt?"

He — "No, I'm not hurt; I was bending over when the seam in the back of my slacks tore open. Can you bring me another pair of slacks?"

She — "Oh, Earl, I told you to reduce."

He — "Yes, Shirley Honey, but I called for a pair of slacks not medical service."

73,

Bill, W4GHR
Sarasota, Fla.

SOLID STATUS

WRAP-UP

By Dick Blasco, WA4DHU-2

Part 4 presented the stabilized bias circuit and gave the hows and whys of its operation. Remember that by holding base voltage fairly constant and putting a resistor in the emitter lead, the emitter voltage will change with current in such a way as to keep collector and emitter current constant. Recall our three basic facts for biasing: 1) The base-emitter voltage drop is roughly 0.3 volts for Germanium and 0.6 volts for Silicon; 2) Collector current (I_c) equals base current (I_b) times beta; 3) Ohm's Law: $E = I \times R$. Add one more, that emitter current roughly equals collector current in a good transistor, and we have all the ammunition to apply this circuit.

Doing the example of Part 3 again, we have a 10-volt power supply, a beta of 100, and we want to bias a Silicon transistor so the Vce is 5 volts and I_c is 10 mills. Let us determine the resistor values in a step-by-step procedure.

1) Select a value for V_e . This is quite flexible, but should be between 1 and 3 volts, except in the case where battery voltage is low (say 1.5 volts), in which case make V_e about 1-3 of the supply voltage whichever is less. Here we choose V_e equal to 2 volts.

2) Determine R_e . By Ohm's Law, it is 2 volts-10 ma or $R_e = 200$ ohms.

3) Determine R_c . This resistor must drop 10-5-2 or 3 volts at 10 ma. Its value is thus 300 ohms.

4) Determine R_1 . Since V_b (+) is 10 volts here and V_b is 2 volts plus 0.6 volts, or 2.6 volts, and $I_b = I_c$ -beta or 0.1 ma, we want a resistor to drop 7.4 volts at 1 ma, according to our rule of thumb. Thus R_1 is 7.4 K ohms.

5) Determine R_2 . V_b is still 2.6 volts and V_b (-) is now 0 volts, or ground. Our rule of thumb tells us that nine times I_b or 0.9 ma must flow through R_2 . We want a resistor to drop 2.6 volts at 0.9 ma, which is roughly 2.8 K ohms.

Doing the job step by step as above makes the computations easy. Once you have determined the bias conditions, a little thinking and the techniques above will get you through.

This circuit is very widely used, from audio amplifiers to regulated power supplies. It is highly recommended for amateur use, due to its high stability. You might want to look at some transistor schematics and determine the biasing approach used. It will probably be some form of the stabilized bias circuit. Next Month: Transistorized AC amplifiers.



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CAN YOU TOP THIS?

A Florida Ancestry of over four centuries dating from the founding of St. Augustine in 1565. This is the claim of Dewey Villareal W4BM of Safety Harbor, Fla. Dewey is 100 per cent QNI on Gator Net beginning in July. Don't let that steady gait with a hand key fool you, he is an FB Op.

Dewey was born in Key West (land of crawfish and conchs) in 1898, and at the age of 14 he had his first amateur call 4BM. From 1914 to 1917 he was commercial operator for the P. and O. S-S Company, on ships running from Havana to Key West and Tampa. Uncle Sam grabbed him in 1917 for the Navy, operating shore stations NAR (Key West), NGL (Tampa), WST and WPD.

EX-CALLS

There seems to be no end to the Ex-Calls. The column was started several years ago and it is still going strong. Have you sent in yours? —Editor.

WB4QPH ex WA9EHE
W4ID ex 8BUM, 8NQ, 2DK,
8AQO, 8XBE, W8IC
WB4LVQ ex 8IO, W8GKQ
K4FL ex 4FJ, W4GK, K2FL,
DL4QJ
W4ZY ex W8WW, 9AEB
WB4AIG ex DL4QM
WA4RCQ ex WA2WZY
K4KO ex W3IJ, W2IJ, W3IJ,
K2DU, W2BXH, K2NBD, 3IJ
K4EXB ex WA0AGQ, K9AKL
K4TLI ex W2BIA
WB4OKY ex WA1HIS
K4ERM ex K8HBR
W4KOH ex W9GXM
WA4SVH ex K9ZKV, W8CHZ

Mustered out in 1919, Dewey attended University of Florida. 1923 began 41 years of service with the Western Union Telegraph Co. He ran the gamut from Morse operator to Electronics Engineer. During the '30s and '40s his amateur call was W4HAD. During WW II, W.U. loaned Dewey to Uncle Sam for a five-week job in Alaska. Instead he remained there for five years supervising communications, cable system and RTTY. He retired from W.U. six years ago.

Dewey is proud of his lineage that runs back to the Basque country of Northern Spain, but he is not the end of the line. He has a grandson in Tampa, Warren, WN4PQG. In less than three years, the Lord willing, Dewey and his XYL Bell, will celebrate their Golden Wedding anniversary. Our best wishes for many years of hamming and happiness.

Cy W4DVO

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DAVE STOCKY, K4KE is awarded the Florida Sidebanders Assn. "Sidebander of the Year" award at their annual dinner at the Orlando Hamfest May 23rd. K4KE won the award for his outstanding efforts in creating the amateur radio station, WB4PHT at the Boys Ranch in Live Oak, Fla. The presentation was made by Al Elmore, WA4RGO, President of the Association. (Photo via WA4RGO)



FOUR MEMBERS OF the Deltona CD net: Seated left to right: W4YLR and K4OER. Seated: W4YPA and K4IH. Jack Six, W4YPA is NCS for the State QCWA net which meets each Sunday at noon on 7254 kHz. All you QCWA members check in. (photo by Eileen Terry)

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WELCOME TO OUR
NEW DX
REPORTER —

World Skip

By Joe Poston, K9GCE-4 PJ8NN

DX-Peditions

(4Z4HF). Ricky, K7ADD, will lead a team of top operators during the CQWW contest Oct. 23, 24, 25. They will operate 80 through 10 using big rhombics on eighty and forty with a beam for each HF transmitter. Six positions will operate continuously for 48 hours of maximum effort. Ricky says that the PJ's have had all the glory for too long. Those needing 5BDXCC should make a good effort on this opportunity. (K1IMP). Herb will leave Sept. 27 for a world wide trip. Oct. 2 he'll be at BV1A, Formosa, Oct. 4-5-6 at CR9AK, Macao, and Oct. 7-8 at HS1ACW, Thailand.

(AX2BXM). and fellow W6's will open up Lord Howe Island during the CQ-WW contest on all bands. They'll be using dipoles with a TH6DXX. The rig is a

Swan 500 C.

(MP4BHH). Tom with the aid of Henry, 7Z3AB, will use a Signal One on their DX trip through Asia during December and January. They will be operating from the rarest spots in the world. This will be the first DX-pedition using the CX-7. QSL to K4MQG, Gary, (DL4??). Albania will be opened soon by these boys. Keep an ear tuned to 14.218 for the latest details on this rare DX.

Details are scarce at this time but Tom, Ricky or Henry will open AC4 land soon. I'll pass on the details as soon as I know.

9N1MM Father Moran, is on most nights, as is Guy, FR7ZG. Listen 0200 to 0400 for 9N1MM and 0400 to 0600 for Guy.

Gus is back and a lot of slides and talk will transpire at the

ARRL Roanoke Division Convention Oct. 31 to Nov. 2. Don't miss the DX'ers get together at the Raleigh, N.C. meeting. Contact Stu Meyers care of: Aerotron, P.O. Box 6527, Raleigh, N.C.

The Golden Triangle DX Club, Florida's best, will host a special get together on Oct. 6. Topic will be final plans for the contest. If you are a con-tester call Harold Johnson, W4ZCB, (813) 391-0986.

(QSY Page 12 — WORLD)

HOW ABOUT A NICE
BLACK & WHITE PHOTO
OF YOU & YOUR
STATION? —Editor.

FLA-1 ARMY MARS

By Herb Nelson, AA4AZ
Keystone Heights was invaded by Army Mars members on August 22 and 23 for their annual picnic-meeting.

"Early-birds" enjoyed a 'Happy Hour' Saturday evening hosted by Lola and Herb, AA4AZ, at their home on Lake Geneva.

Sunday morning the group gathered and met in the Masonic Hall for eye-ball QSO's. The XYL's spread out the covered-dish-picnic that everyone shared and enjoyed. A short business meeting was held with Bill Wells AA4RDP in his usual role as emcee. 'Buck' Buckalew, A4RXE, Florida-1 Director, gave an excellent report on Fla-1 activities in the past year and a forecast of things to come. The members cleaned out their junk boxes and a drawing was held, awarding everyone their choice of at least three valuable items.

TAMPA HAMFEST

(RAIN OR SHINE)

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1:30 P.M. — 4:00 P.M. / Door Awards / Recreation
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SOUTHEASTERN CHAPTER QCWA

September 3rd was "WD-11 Night" in Miami with an attendance of 25 members and visitors at our monthly dinner.

All officers and many members have a perfect attendance record since the first of the year. Many new visitors were present, including W4BTM, W4NE and Mrs. W4NE, K4OL, W4HO, and W4JBP of Ohio.

It was generally agreed that the lone WD-11 that showed up was close to 50 years old. A DeForest audition was passed around for general viewing, this tube is of 1915 vintage. One of our first AC tubes, the '26 was brought in by your chairman, W4GJ.

Once more we remind our active members to check into the 7254 Net which is state-wide. This is every Sunday at 12:00 Noon. We are in great need of a couple more Miami stations, so get the word around.

No need to remind the old timers of the 10 meter activity around Miami on 29.044 and 28.800 in which many QCWA members are involved.

Our next dinner will be October 1st at 6:30 PM, Smitty's Coffee Shop, 3300 N.E. 2 Avenue, Miami. Plan to bring the wife or a friend. To mark the occasion we will have a genuine VT-1 for general viewing.

W4IYT surprised us with a new pack of printed QCWA Dinner notice cards, with envelopes. We will mail these out early so you can remind your friends who are eligible to attend.

W4GJ — Chairman
W4KGJ — Assist. Chairman
W4JO — Secretary-Treasurer

FLORIDORA YLS

By Cathy Soehl
W4BAV AREA ARNS

W4YNNX, Alina Burton looking forward to visiting Mexico City in near future at OM, W4YNNW, Gene won a trip for two at his place of business.

W4FJN, Rosalie Billman took a 4-day flying trip to the Bahamas and, at this writing, is enjoying the N.C. Mt. breezes with her brother and XYL.

W4CSC, Edna Wentworth and OM, W4PWB, Walt, in Franklin, N.C. since May, had to make a trip back to St. Petersburg when notified their home had been struck by lightning, causing a fire. The Ham Shack contents were pretty well demolished, with smoke and water damage throughout the house. Fortunately, the insurance company has taken over complete renovations, while Edna and Walt returned to complete their commitments, before returning home Oct. 1st.

W4EDL, Nancy Harbert and OM, W4CNB, Ned vacationed in Cleveland, Ohio, and were feted at an unforgettable party, in honor of their 16th wedding anniversary, by K6ONA, Eunice Bernon W4OHJ, Jack Greene was among the guests.

W4KOH, Ernie McMasters, Florida President, had her son and family (including 6 grandchildren) visiting them at Lake Placid. OM, W4BCZ, Phil kept them busy in the pool.

K4RHL, Ellie Horner, official Emergency Hurricane Station, was not home when "Celia" travelled up the Gulf, as Ellie was attending the 2-week intensive radio course at Camp Albert Butler, N.C. However, she was heard from N.C. and W4BMC, Bertha Eggert was on down here pinch-hitting for Ellie.

BRANDON AMATEUR RADIO SOCIETY

By Gene Burton, W4YNNW

The Brandon Amateur Radio Society met September 14, with a good turnout for the "new year". Jim, W4ZWW, gave a very interesting program on transistors. He showed many interesting circuit applications.

Dale Ward, WB4LIP, was burned over 75 percent of his body on August 19 at the Landis Chemical Plant, off US 301 near

Tampa. He was rushed to the Jackson Memorial Hospital in Miami. Dale was in a pit attempting to hook up a machine, when some chemicals blew up and started a fire. It is believed that Dale may be released in early October.

Five local hams are on the Brandon Fire Department, including Art, K4AAI; Ed, W4YOG; Don, WB4MVM; Hal, K4UXE and Kay, WB4GZN.

BARS members recently installed the sound system for the South Brandon Little League.

Dennis, WB4OXZ, recently got his General ticket. Bill, WB4MUU, got his Advance ticket. Brandon's newest ham is Jeff Hyatt, W4SAF. Congratulations, fellows.

FORT PIERCE RADIO CLUB INC.

By Biff Craine WB4MIQ

The Fort Pierce Radio Club Inc. members elected Jake, W4NTE, to the post of club trustee, left open by the passing of Lou, W4VPQ. Jake, the current emergency coordinator of St. Lucie county, is the holder of an extra ticket that will get us on those few extra frequencies from time to time.

Radio club members are looking forward to the On the Air Boy Scout Jamboree. We are starting plans to set up a station for the local scout troops. We just might convert this into a field activity to give us more practice in setting up field sites.

A couple of faces we hadn't seen in a little while are back with us on the active list. Glad to see Dusty, W4ESG and Bill, K4RNI back out at our meetings with more regularity to aid us in our preparation of programs and activities.

The highlight of our August programs was a program on Emergency Communications presented by Andy Clark, W4IYT, the Section Emergency Coordinator of East Florida. This program was not only very well presented, but it was also very well accepted by the members and visitors present. It has aroused more interest in the Amateur Radio Emergency Corps. After the presentation and a call for questions, Andy got with Jake, our EC, to offer his advice on our plans for communication. We are in hopes of testing this plan to find the actual problems that may arise that we have overlooked.

On our September list of programs we have plans for programs on message origination, CW and FONE net

procedures, and Army and Navy MARS form and procedure. Also our beginning code class, instructor Art, W4ALME, is about to graduate two prospective novices.

BROWARD AMATEUR RADIO CLUB

By Jim Wilson, W4GDK

We feel fortunate in having scheduled a fine program for our September meeting. It is going to be a slide film series with recordings telling all about the new ARRL Headquarters in Newington, Conn.

For the October meeting we are going to have a unique display of antique radio equipment, much of which has been laboriously gathered by Dick Gunter, W4CIC, Ft. Lauderdale. Additional items of antique radio gear or test equipment will be very welcome.

To those of us who remember the twenties with the oatmeal box loose couplers, Zenith, Paragon, Tuska, DeForest and UV200's, we will view this display with great interest. We invite you all to see something unusual.

Our November meeting will feature "Home Brew Night". Members are invited to bring for display any homemade equipment — except that things made from kits do not qualify. An award will go to that judged best.

At our last meeting we had the pleasure of taking in as new members: Cliff Decker of Ft. Lauderdale and John Murphy W3LMJ K4ERN. We welcome you both.

Our present meetings are being held at the Broward County Court House at 7:30 PM the second Wednesday of each month. Ask the guard in the lobby what room the C.D. Radio meeting is in.

If you're interested in radio — we're interested in YOU.

DELTONA NEWS

By W4YPA Jack Six

Deltona CD net had a full month during August with a very good attendance.

August 3rd Jack Duncan K8CQN formerly W8PYK paid me a visit while he was visiting his brother in Coco Beach. We renewed and talked over old times when I was W8RIN. Jack happened to hear me give my name over the air several weeks ago and he remembered that he and I was in QSO on 160 meters in Akron, Ohio. When Pearl Harbor was hit Dec. 7th, 1941 and this was our first contact since then.

Bill, K4IH had a visitor, Russ Lawson,



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ARRL - SOUTHEASTERN DIV. - CONVENTION
Exhibits - Contests - Meetings

K1MSU from West Suffield, Conn. Retired Air Force. He was WA4TNQ while stationed in Orlando — no doubt many remember him.

QCWA net Sunday had a 10 second silence in remembrance of W4VPQ who became a silent key very suddenly.

W4NH lives in Fairfax, Va. and a neighbor called and asked if he would run a test on the air while he installed bypass in his Hi Fi, as he had interference. Em complied and in a few minutes had this trouble eliminated. The neighbor was not a ham. I think we should have more such neighbors.

GULF COAST ARC

A. E. Terpeding, W4VCY

The Gulf Coast Amateur Radio Club has received a donation of a heavy duty emergency power generator which is being rebuilt and will soon be operating in emergencies. The club meets on the third Thursday of each month in the library of the Richey Elementary School in New Port Richey at 7:30 P.M. Net meets on 50.40 Mc. every Wednesday at 7:00 P.M. We invite anyone to attend our meetings and check into the net.

William Hayes, formerly W9CLR is now K4EPP and more out of state hams are moving into this area.

WESTERN FLORIDA NEWS

Frank M. Butler, Jr., W4RKH

Pensacola: W4ETE was host for FFARA annual fish fry and swim party. Doc fishes all year to stock up for this! A new code class is starting! K4KFV and W4ETE will be instructors. K4SVX is teaching night classes at PJC and had to curtail his club activities. The W4UC repeater is back on with a much improved receiver.

Milton: WB4JRP has a FB signal on 2mFM. Crestview: W4RXXM just received his ticket. WA4YCO is leaving for the Philippines this month.

Fort Walton-Eglin: The EARS had a tour of the FPS-65 space track radar at

Eglin. They have acquired a vehicle for an emergency communications van. The PARC van is also progressing nicely. WA2BDA, WA4LBM, W4ROM and WB9D-BD will be missed on 2m FM; ROM is back at sea again. Defuniak Springs: W5MEH 4 just moved here and owns a local BC station.

Panama City: WB4IXK and the PCARC are well along with plans for a 2m FM repeater. WB4QLU just got his General and is active again on WFPN. Sneads: The WFPN picnic was held at Three-Rivers State Park, with a large crowd attending.

Tallahassee: K4GRD was nominated for A-1 Op. Club. Monticello: W4WSY now works for a local BC station. Mayo: WB4PAV is the only ham in Lafayette county; he hopes to be on SSB soon.

TAMPA AMATEUR RADIO CLUB NEWS

By Frank Shannon, K4GT

Lou Wilkerson, K4YHG, our President, intends to request each member of Board of Directors to assume additional responsibilities for arranging this coming season's meeting-programs. That is, to obtain guest speakers, etc., for their respective assigned meeting night. This, in effect, would have the Board of Directors acting in lieu of the normally designated Program Committee. Lou has had difficulty in obtaining members to volunteer to act or accept assignment to this committee. By the time you read this column, we will have held our opening meeting, Monday, September 21st, after the usual summer vacation period. Once again, we are stressing the need to obtain new, preferably younger members! TARC needs the younger member to stir up things a bit! We have an unusual privilege, in that we have our own clubhouse for our exclusive usage. We have an antenna-farm, gear and all conveniences to attract

the youngsters, including code-classes on Thursday evenings. So fellows, let's get going and each of us recruit a new member!! Yes, we need these younger members to fire-up and help perpetuate TARC!

Our TARC VHF Net is scheduled each Thursday evening at 8 PM, AM voice on 51.450 MHz, Vertically polarized. Why not join in this net activity? This net increases our friendly comradeship and will help to keep you informed on TARC doings, in case you haven't been able to attend the regular meetings.

Again, TARC expresses thanks to John Fogarty, Bill Holleyhead, and Gordon Callender for their good job of clubhouse maintenance.

COUNTRY COUSINS

By Stan Offenbutter, K4BLM

Bill, W4GHR and XYL, Cathy, W4BAV, Ray, W4YPL and XYL, Glendell, Gus, WA4CPL, Russ, W4OLW and XYL, Russ, WA4ZRA and XYL and Sam, W4LIS and XYL all returned from their vacations safe and sound.

Good luck to Bobby, WB4GMB and family in their new QTH in Ocala.

Welcome to Burt, W4EHR as a new member, but we are sorry he is leaving for Georgia to resume his studies.

Congratulations and "happy landings" to Mike, K4JMK on receiving his pilot's license. Also to Joannie, WB4GHD on passing her advance examination.

Our prayers are with Jim Hall, WB4ISZ who had a heart seizure and is in the Sarasota Memorial Hospital.

Bob, WB4EZF is gaining in strength and weight and will be ready to return to work soon; he even took over the net one night.

Thanks to Roy, WA4YVH for the fine job he is doing building tone comparitors. This will be a tremendous help in our project.

Won't be long now before the Tavares

get-together, if you anticipate being one of us, let us know.

A welcome to all to join us every night at 10 p.m. EDST, on 3970 KHz a F.B. certificate is given by the net. Please check in for all particulars.

SUNCOAST ROVING REPORTER

By Cathy Soehl
W4BAV AREA ARNS

St. Petersburg Amateur Radio Club has received a number of contributions to the Klarman Fund to assist WB4LWA-Gene in the tower suit against him. Send contributions to SPARC, P.O. Box 4026, St. Petersburg, Fla. 33731. Details in SKIP March, April and July 1970.

K4NE, Lewis Slick received the Cook Bicentenary Award No. 495 by submitting to the Wireless Inst. of Australia, proof for contacting 50 Australian A.R. Stations in 1970; the Bicentenary of the discovery of the Eastern Coast of Australia by Capt. James Cook aboard the HML Endeavor in 1770.

WB4RIL (EX-WA2ZFW), Dot and OM, WB4RII (ex-WA2QNH), Harold "Pat" Patterson are a welcome addition to the Suncoast area. QTH: 3942-48th Ave., St. Petersburg, 33709.

W4UFR, Earl Hill did a fine job assembling the Heathkit (Thomas) Organ; is disposing of it and in the process of building the larger Heathkit Organ.

WA4FJO, Fred Billman, on a 6-meter band opening, contacted a station he had QSOed previously exactly 6 years to the day.

SPARC Sept. meeting featured William Axon, Sales Mgr. Westinghouse Tampa Division, who spoke on Nuclear Generators, with slides, explaining Steam Generators and Pressurizers produced at

(Continued on Page 8)

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CLUB NEWS

(Continued from Page 7)

the Tampa Plant.

Don't forget TAMPA HAMFEST, Oct. 11th, Lowry Park, 9 AM to 4 PM. Bring your picnic lunch, family and friends. See you there!

GULFSTREAM SOCIETY

By Alan Harp, WA4SVH

Your author of this column up until this issue has been Al Suhr WB4AID. With this issue the author will be Alan Harp WA4SVH. We wish to thank Al for his excellent service in the past and we hope that we can do as well in the future.

This summer has seen several members away on vacation. Alan Harp, WA4SVH, went to the Netherlands with his family to visit his in-laws. While there he visited the stations of PAOMDG, Maarten de Gorter on Texel Island and PAOJM, Jan Moene, of Hilversum Holland. Alan says that in the Netherlands, ham gear is not sold in stores as we know it here and must be obtained by trading with each other or importing it. They are more fearful of TVI than we are. Alan still keeps in touch with the Dutch by working PAOMDG on 15 and 20 meters SSB.

Tom Lindberg has returned after operating as WB4OPL 1 from Westerly, Rhode Island all summer. Welcome back Tom.

Al Suhr, WB4AID, was working 20 meter Mobile while going to and from the 28th reunion of the carrier USS Alabama at Mobile in mid August.

The Society has received a Tektronix 541 oscilloscope from RCA. The scope is about 10 years old but is in excellent condition and is in the societies' shop and is

available for use by members of the society.

The repeater is now operating with two input frequencies: 146.280 and 146.500. The transmitting frequency is still 146.880.

By the way our field day score was 735 contacts, 6,090 points. Sorry we're late getting it out.

VERO BEACH AMATEUR RADIO CLUB

Grover W. Gnewuch, W4DFZ

The Vero Beach Amateur Radio Club will resume meetings 10 September, 1970. LJ, WA4SCK, took over the duties of S-T shortly before we suspended meetings last June. All members will be notified. We meet 2nd and 4th Thursdays 8 PM at the CD office.

Saw a car buzzing east on route 50 the other evening with the license plates W4KEE. Sure nuff, it was our president, Thomas E. Moyer and his xyl Vesta returning from three weeks vacation in Hendersonville, N.C. where they recently purchased a second home.

Although meetings have been suspended, our Indian River E.C., WA4SCK has kept the practice runs in session every third Wednesday, 7:30 PM for the AREC. Frequency is 146 Mhz. LJ and Tad, K4AGU have trained and produced the following new novices from their recent VBARC class. They are: Jim Keen, WN4QVN; Bill Laconis, WN4???; Gene Pesant, WN4ROG; and Jim Rusnak, WN4TWG.

Been working several of the members daily on 20 meters and recently learned that one of them will sell his home and insurance business in Bryn Mawr, Pa. and move permanently to Vero Beach. He is going to go on a long, long well earned vacation called "RETIREMENT". You are right, it is none other than Isaac "IKE" Roach, W3ABI WB4ILZ. In addition to Ike, I've been working Creed,

W4TZ, Ray, W8FMU WB4PLQ, Doc Hamm, W9UAZ, Doc Starkweather, W9CMC and W1SX, Dick. Dick and Doc Starkweather have purchased condominiums in VB. Welcome to John Van Dyke, W2AA who has also moved here (Roseland) and will affiliate with the VBARC and the QCWA Treasure Coast chapter.

FLORIDA SIDEBANDERS ASSO.

By K4SRI

For the last several months our secretary, Vince Bailey, WA4NNB, has been mailing copies of the minutes of the Florida Sidebanders' Meetings to your author, they have been most helpful in planning this column. Your columnist has requested, many, many times over the air and by any other means possible; that you send in any items of interest. He has received nary an item... if you wish to see yourself in print please send in those items. My address is Charles B. Schnerr, K4SRI, 175 Flomich Avenue, Holly Hill, Florida 32017. The telephone number is 904-677-3693.

During the month the Florida Emergency Net celebrated its tenth birthday. Hats off to the net and to the many who have made it possible, especially to the present and past Net Controls. The operating frequency is 3940, the meeting time 23:30 Greenwich mean time.

Discussing this angle of the amateur radio game, the question arises as to whether amateur radio is a hobby, a stepping stone toward study of the larger field of electronics, or a means of communication when all other means are down. As a hobby, all of us would admit spending many pleasant hours just rag chewing with old acquaintances, having the ultimate pleasure of making new ones, sharing in the pleasures and griefs of each

other; and to all of us at times this is a very necessary thing. As a stepping stone to the larger field of electronic application, communications must remain one of the most interesting approaches to the fields of technological science and engineering. When all other means of communications are down, the amateur; forgotten and sometimes damned as the "guy down the street who interferes with our TV" has always come through; often as the sole contact with the outside world.

It's a young man's game with it's challenges and its peculiar problems. It's a hobby for those not so young if only to discuss the latest arrival or the job or maybe just discuss. It's a hobby for the alert, for the one who is not so alert, due to injury or illness and above all it's one of those arts that challenge one to be of greater service and a better citizen in the community of which they are a part.

WEST PALM BEACH AMATEUR RADIO CLUB, INC.

By Clara B. Stables, WB4NKR

Under Club auspices and using club call letters, W4HAW, member Bill Sprague, WB4OUH, on August 22 through 24, staged a one-man ten meter band contest with Western Valley Amateur Radio Club, Los Angeles, California.

Although the contest started at 0900 GMT August 22 and ended at 0100 GMT August 24, Bill didn't get going until 1650 GMT August 22 due to his having to construct personally a three-element Yagi and add it to the tower.

Fortified by ham sandwiches, coca-cola and coffee, he operated constantly until the band closed at 0300 GMT August 23. He drove home, showered, caught a few hours of much-needed sleep and returned to his station at 1000 GMT August 23, where he remained until the contest ended.

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AIR FORCE MARS

By WB4BND

The only news of any change we have been expecting is not exactly what was expected. Abe Winters, AFB4FGN, has resigned. Not only from the Region Traffic Manager's job, but from the program as well. His leaving is a surprise but can be visualized as happening when you look at how he was frustrated at every turn. To start with, he was new to the program and it was resented by those who have been in the program for many years. Then frequency problems showed up, and as he was the one between the Air Force and the civilian members he caught it both ways there. Little if any meaningful communication came from headquarters just before, during and since the change of Areas occurred back six months or so ago. I'm sure all this gradually built to a crescendo until Abe had enough and quit. How he remained a gentleman during this time despite the slurs thrown his way is a credit to his patience and understanding.

If he had any faults, hard work wasn't one of them. In addition to his monthly paperwork, and correspondence he managed to find time to edit and print the MTS bulletin and compile a MARS guide for the membership. The MARS guide incidentally, is well done and far superior to the present AFM 100-15 when it comes to explaining procedures to someone new to the program. I

will not be surprised to see some of its wordage in the new AFM 100-15 when it finally makes it out of the printer's hands. There were no changes in the guide, he merely reworded some of the military language to clear up some areas of conflicting thought. A lot of thought and work went into that guide, too bad we could never get permission to distribute it.

Abe's successor as of the first of September is Doc Ackerman, AFC4DTY. I wish him the best of luck and hope he escapes the animosity and lack of cooperation some gave to Abe. And that includes AF2S.

ARMY-MARS FLORIDA DISTRICT 2

By Bill Britton, AD4IHH

This will be the first in a new series of monthly columns in SKIP about the activities of the Army Mars program in South Florida.

The highlight for Mars members, was the annual picnic held recently at the Highland Hammock State Park, near Sebring. Although the weather held in the hot upper nineties, the sun stayed out all day, providing a good day for Mars members and their families.

Thirty members, including two from Florida District One (North Florida) attended the picnic. It was especially nice having two members from Florida One with us for the day.

Errol, AD4WNW, and Larry,

AD4RON, both made the trip from the Jacksonville area, and it was good having them.

The meeting conducted by Ken, AA4GUE, the Florida Two director, held the attention of the members, and covered every subject from net procedures, to utilization of the current FM repeaters. Plans for additional FM repeaters to cover additional areas in South Florida were announced.



Chris, AD4WVE, was in charge of the "auction" and proved to be quite a gabber... although he wound up bidding on many of the items himself! However, through his fine efforts, quite a good sum of money was added to the "special" fund which, as you know, is used through the year for flowers for deceased members, and for parts for the FM repeaters.

Congratulations to Kris, A4FCP, who made the arrangements, and all the others who were instrumental in making it a success. Now if Kris had only lowered the temperature about twenty degrees...

NAVY MARS

By Bonnie Wieboldt
NOPJQ - WB4FSF

All areas in the 6th District were represented at the Conference held in Charleston, S.C. Those attending from Florida were NOs: WCK, APC, GAJ, LNB, AIL, QMC, ZAP, QJP, LXF, EQW, and PJQ. The members enjoyed tours of Charleston, and many had the experience of boarding a submarine for the first time.

During the meeting, it was announced that frequencies are being established for communication with Greece and other European areas. A representative from each area was given an opportunity to voice his "peeves" and suggestions. Each member was given the opportunity to voice the same.

RMC Eugene Leafly was succeeded by RMC Vernon Poston as Director of 6th ND Mars at the Change of Command ceremony.

Chief Leafly, who is retiring from the Navy, did a great job. Those who knew him, knew him as a friend as well, and we all wish him well as he lays aside his cap and goes into civilian life.

Chief Poston comes to us after serving as Director of 8th ND MARS, and is a very capable person for the job.

New members this month include NOs: ADQ (N Port Charlotte), AEO (Ft. Lauderdale) and ADK (St. Pete). Welcome aboard!

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TROPICAL PHONE NET

Ken W4SMK

The Traffic Hounds column of Skip shows that the old TPTN is still holding its own in the Fla. net competition. We are glad to have Vince WA4NNB back in Ft. Myers and on the net regularly. Another of the Ft. Myers crew Don, WA4LBM, is back from the wars, and working at a local TV station, so we will be hearing from him, too.

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The writer was off the air for a week or so this month (Aug. and early Sept.), so I may have missed some late developments which we will try and catch up on next month. Anyhow, the W4SMK shack looks a little better with new paint and some of the hay wire gone.

The Tropical Net has pretty good reps for the NTS CW nets, with several stations usually available to relay out of State traffic. This is an important service for any net, as some times out of state stuff sort of goes begging. We also try to cooperate with the FAST Net, which meets an hour later, in relaying left over traffic to that net. Certain locations are just better represented on certain nets, due to no fault of the nets involved, so this relaying business is important to efficient service in Fla.

We have several groups who like to rag chew near 3940 KHz. at net time, so when you QSY please be careful not to step on these people. They are nice enough to move far enough not to QRM the net, so we should do likewise. On 10, 15, and 30 meters it is common practice for a station to ask, "Is this frequency in use?", before starting a long QSO, CQ, etc. This would be a good practice for some of us low frequency operators to follow. Even on 80 meters just because you don't hear anyone it doesn't mean there is no activity on the frequency. How about giving this a try?

A thought in passing - if you are chiefly a traffic handler your Advanced or Extra Class license is not much advantage, since all the nets are in the General Class bands.

GATOR NET

Ev. Battery W4IA manager

Gator Net meets daily at 0830 EDT on frequency 7115kHz (alternate frequency of 3651kHz as required). During the month there were five days QSY to 3651kHz was

required. Otherwise conditions were excellent.

Although August is a vacation month, attendance increased with a high QNI or 17. Bill, K4GJ took off on a vacation. Birch, WB4AIW, got "ants in the pants" again and had to get moving, but reported in as slant four from W.P.B. The time Ev. W3IA, is taking to move to Mt. Dora and get back on the air looks like he is getting settled for real good. We miss his solid QRK sig. LJ, WA4SCK, dropped in several times for QSOs. It's getting so Gator is a meeting place for Old Timers. They QRM about 15 KHz with good old rag chewing after QNF. FB.

Glad to learn that Mae, W3CUL, has bounced up from an illness and will be around Gator to keep the OS traffic moving.

Welcome to the several newcomers. With more outlets, Gator can give better public service to all.

73,

Rij W4EHW for Ev W4IA net mgr

FLORIDA MIDDAY TRAFFIC NET

By Herb, W4LSR

My thanks to Clyde, W4SDR, for furnishing me with the following news of goings on among FMTN members during my recent trip to Pennsylvania.

The following young and very active members of our net will be back in school very soon. WB4FSF, WB4GHD, WA4HNL, WB4HTJ, WB4MIQ, WB4OMG, WB4PWD and possibly others we have overlooked. This reduces our ranks not only of active checks but also of some very good net controls. Fortunately we have some fine alternates to call upon. Dick, K4LEC, will take the Thursday slot. Joe, WB4JSK, won't be going back to college until the middle of the school year and will be available as a standby NCS until then. Bill, WA4RQR, will have a standby alternate, Steve, WA4RUE. Sometimes Bill can't make it home in time to take the Net.

Charlie, W4AKB, returned from vacation. We understand his health is giving him some trouble. Also his antennas, were taken down to do some work

on his house and they have not been put back up. Mack, W4DVR, is too busy at work these days to get on the Net so we will only hear from him on Saturdays from the home QTH.

Charlie, K4OER and Dick, K4DVR, are back, but no word from Bill, K4GJ and Chick, W4LK. Welcome to Craig, WB4LAA, who joined our Net in August. He is located in Miami and it's too bad he can only check in on Saturdays. Otherwise he could cover for WB4CBP every day while Ted is taking his money to the bank.

Doc, WA4UJX, is moving from Lakeland. We believe he is going to Keystone Heights but we are not certain. Fred, W4JZB, hasn't gotten his antennas up at his new home in Holly Hills. Thanks again Clyde.

FLORIDA FAA NET

By George Cooper W4EH

Congratulations are in order for several members of the FAA net. First up is W4JVA, Paul Colby. Paul our net control, came on with his new FTDX400. Paul was using the FTDX barefoot and was plus over S-9 and sounded great. Just one thing Paul, give me a warning before you throw the switch on that FLDX2000 linear I don't want to damage my rcvr.

Second up is K4PH. K4PH is perhaps better known as Al Hendrick, ex-WA4TMR, A FB two letter call Al. The members of the Florida FAA net wish you the very best with your new call. He is also planning an extensive vacation through New England as far north as Maine thence west to Missouri then back home to Sarasota. Have a good time, Al but hurry home.

Last but not least are two members of the net who have recently acquired new towers for their beams. By the time this goes to press we trust that K4EEL, Si in Ormond Beach, and K4MY, Floyd, down Ft. Lauderdale way will have their beams up the SWR down and in full operation.

It seems vacations are still the order of the day. K4HV, Bill Schroeder, Port Richey, plans a trip to Indiana. Hurry back Bill, we will miss you on the net. Have a real good

TOP TWENTY TRAFFIC TAKERS

1.	WB4AIW	313	11.	W4NGR	68
2.	WB4OMG	190	12.	WB4GHD	63
3.	WB4HJW	172	13.	K4DAX	62
4.	WA4ABY	118	14.	K4EHY	62
5.	W4SDR	110	15.	WB4FJY	61
6.	8R1Y/W4	106	16.	WB4HNL	59
7.	W4JSK	104	17.	WB4PWD	55
8.	W4KRC	73	18.	W4BNE	54
9.	W4EHW	72	19.	W4DVO	51
10.	WB4MIQ	72	20.	W4KGJ	45

TRAFFIC HOUNDS

Net	QNI	QTC	Avg. QNI	Avg. QTC	Sessions
FMTN	734	253	29.4	10.1	25
TPTN	673	164	25.0	6.1	27
FPTN	442	155	17.0	6.0	26
GN	335	149	10.8	4.8	31
7265	63	19	12.6	4.0	5
FAST	588	72	22.0	2.8	29
QFN	-	-	-	-	-



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time while you are gone.

W4YB, Stark Totman is still enjoying the cool New England weather but with Sept. by us now, we won't be surprised to hear Stark is heading South bound.

W4ASN, John Schaffner, Leesburg is just home from vacation. Glad to have you home again John and certainly good to hear you on the net.

KG4AF, Tom, was a rather surprising check in on 23rd Aug. and reported all members of the net had good signals.

WA4QPR, Wally, checked in 6 Sept. operating portable four. It is hoped Wally will get set up in good shape at his new QTH and become a regular member of the FAA Net.

QFN REPORT

By Dan Franklin K4EHV

September QFN promised to be a real active month, with every one returning from vacations and settling down into the ole groove.

WA4LJH, Mac, returned with new vigor after repairing all the damage the lightning bolt did his rig. WB4HPK, Frank, returned to U of M and activity on QFN. W4ILE, Reg, although promised to return, has had to work the night shifts and future looks grim. W4FFF, Dave, returns to super active traffic work after years of abstinence. WB4OMG, Buddy, is new Sunday night NCS, while new 4RN reps

WB4JJQ, WB4JSK and WB4MIQ fill up the 4RN roster.

This month, hopefully, liaison assignments were filled for SSB liaison. This duty is from the late QFN to the SSB net or Gator net the next day. Hopefully this will help the delivery of traffic from NTS. This duty qualifies for points in the Public Service Honor Roll in QST.

Mike, W4VFF, has gotten a fitting for the ring installation in his nose and went to Mexico for the honeymoon. He is also moving to Tennessee to study for his Master's degree and will be gone a year. He says it's been a very good ten years on QFN but that he will return. In meantime look for him on the air from Murfreesboro mid Tennessee State University.

A new Net Manager has not been appointed to fill Mike's term as of this writing.

New QFNers include: WB4LSK in West Palm Beach, an outlet we have needed a long time; WB4LEL, Gary in Panama City, another West Fla. station; and K4DQZ, Don in Ft. Myers area (Lehigh Acres).

Still needed are stations to fill Alternate Net Control spots.

FLAMINGO NET

Well, we did it again! A successful hidden transmitter hunt and picnic, this time by K4JXL. Ron proved to be an expert at hiding the bunny.

W4DTJ and W4WYR came in first, with W4DWN and K4CYF second, W4GJ trailed third. The following straggled in this approximate order: W4DKS and Mrs. W4DKS, W4JO, WA4GGJ-WB4RSQ, W4RWT-WB4CQB, W4GFQ, W4MNN, K4TT, Mrs. K4TT, also W4WGU and WB4OQN at the starting post. For any that are still lost, the target was near 6 Avenue and NW 132 Street and we sure had a swell time, thanks to Ron.

W4DTJ-W4WYR will handle the next hunt. Watch the net for further details.

73 -

W4JO (Activity Manager)

AUDIO SKIP ABANDONED

Several months ago we announced that we were considering the possibility of transcribing FLORIDA SKIP onto tape for blind hams. We asked for our readers to let us know if such a service was needed and if they were interested in receiving it. Unfortunately the response has been very small, and we have decided not to follow through with the audio SKIP idea. For us to undertake such a project, we would need a great deal more interest than has been so far expressed. Thanks to those who responded to our feasibility survey. We are sorry that there isn't more interest than has been shown, on this, our idea.

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8 p.m.



FLORIDORAS

3933 kHz
ALL YLs
WELCOME

Pres. W4KOH V.P. W4QBY
Sec. K4RHL Treas. K4WXS

EDUCATE AND RECREATE

It is always nice to "sugar-coat" one's chores and this certainly applies to the necessary studying for a Ham Ticket of any Class.

Carl Peters K4DNJ, Director of Camp Albert Butler near Elkin, N.C. has done just that with his two week Radio Session each August at the Camp. Located atop a ridge of the Blue Ridge Mountains at 3600 feet high, just off the Blue Ridge Parkway near Roaring Gap, Camp Albert Butler has for the past 11 years provided instruction and recreation for some 65 campers, whose main interest has been to secure or to up-grade their Ham Tickets.

It is not unusual to find campers, with ages from 12 to 80, from a dozen or more States and several other Countries, whose backgrounds range from teen agers in school to retired Doctors, Generals, Admirals, Federal Judges, and even an occasional YL and ex-YL. They attend classes each morning and each evening after supper, and enjoy camp life in the afternoon (swimming, golf, fishing, etc.).

While it is recommended that



BOB SCHRECKER WB4LVQ, of Deland started out in 1917 using the call 810. In 1930 he switched to W8GKQ. He also has K3VAS in Natrona Heights, Pa. Bob prints his own QSL cards and is looking for a schematic for a APR-15 receiver. Can anyone help him?

a student-camper have a code speed of at least 5 WPM and a basic Theory knowledge, some have started from scratch and were successful in earning their ticket.

The Staff is selected from the Faculties of Technical Schools and from the Electronics Industry . . . all are licensed Hams, Advanced Class or

Higher, many of whom return each year. Courses are offered leading to General, Advanced and Extra Licenses. Classes get off with a bang the first day when code classification tests and license goals determine the group assignments. Lesson material includes the Ameco Books, the ARRL License Manual, the 73 Advanced Study

WORLD SKIP
By Joe Poston, K9GCE-4
PJ8NN

DX CONTESTS OCTOBER

3-4 — VK-ZL DX Phone
10-11 VK-ZL DX CW
16-18 RTTY Sweepstakes
17-18 Boy Scout Jamboree
24-25 CQ-WW DX Phone

This column needs info for our monthly contribution to SKIP. Please send information to Joe Poston, K9GCE-4, 6636 11th Ave., N., St. Petersburg, Fla., 33710. Phone (813) 343-4231 before 4 p.m. or (813) 347-9091 after 4 p.m.

Guide. Lectures, class room seminars, sample problems and tests along with study hours and code sessions completely fill the school's schedule. The last two days provide time for review, individual sessions on difficult subjects, and sample FCC Exams. The final day everyone joins in a motorcade to the FCC office in nearby Raleigh for the real tests. A complete package of instruction, fun, food (country style) tests and to those who earn a LICENSE, a real thrill!

deWA4NED

who is the FASTEST RIG in the west...ANYWHERE?...? THE CX7 FROM SIGNAL/ONE, OF COURSE!

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- ✓ ABILITY TO TRANSMIT AND/OR RECEIVE ON VFO-B
- ✓ ABILITY TO TRANSMIT AM-USB-LSB-CW-FSK
- ✓ ABILITY TO ADJUST FSK SHIFT ON FRONT PANEL
- ✓ ABILITY TO ADJUST THE IF BAND PASS \pm ZKC
- ✓ ABILITY TO OPERATE ON ALL HAM BANDS (160-10)
- ✓ ABILITY TO READ WEAK SIGNALS .ZNV @ BETTER THAN 10 DB QUIETING
- ✓ ABILITY TO OFFSET XMIT FREQ \pm 1KC FROM RCV.
- ✓ ABILITY TO OPERATE BAND TO BAND W/O FINAL TUNING
- ✓ ABILITY TO OPERATE FULL CW BREAKIN W/BUILTIN ELECTRONIC KEYS
- ✓ ABILITY TO SELECT 1.2 - .4 - .2 KC SHARP CW FILTERS
- ✓ ABILITY TO CALIBRATE VFO'S TO WWV WITHIN \pm FEW CYCLES
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Amory Planchard — Sales Manager
Bob Hines — Customer Service
Joe Poston — DX-Peditions



Florida SKIP DIRECTORY

Each month you will find the following listings. Keep it handy. ARRL Officials are listed free. Florida Nets are listed free upon notification from net manager. Clubs listed for \$12.00 per year. (Free to clubs taking box ads elsewhere). Any individual may be listed for \$5.00 a year. (The ones who really care.) Let's fill up this page!

ARRL LISTINGS

Director, S.E. Division
H. DALE STRIETER, W4DQS
928 Trinidad
Cocoa Beach, Fla. 32931

Vice Director, S.E. Division
CHARLES BOLVIN, K4KQ
2210 S.W. 27th Lane
Miami, Florida 33133

SCM, E. Fla.
JOHN F. PORTER, W4KGJ
P.O. Box 7297
Miami, Fla. 33155
Asst. SCM E. Fla.
Albert Hamel, K4SJH
220 N.E. 25th St.
Pompano Beach, Fla. 33064

SCM West Florida
FRANK M. BUTLER, Jr. W4RKH
323 Elliott Rd., S.E.
Ft. Walton Beach, Fla. 32548

SEC East Florida
ANDY CLARK, W4IYT
41 Lenape Drive
Miami Springs, Fla. 33166

SEC West Florida
G.D. McKECHNIE, W4IKB
1000 N. 6th Street
Chipley, Florida 32426
Asst. SEC East Florida
KEN STEWART, W4SMK
2287 Maple Ave.
Ft. Myers, Fla. 33901

NET LISTINGS
QFN (All Florida)
7:00 p.m., and
1000 p.m. kc. daily 3651kc.
Net Mgrs.: K4VFFY

FSBA Sundays
5 p.m. on 3940 kc.

FSBEN Wednesday
7:30 p.m. on 3940 kc.

KNIGHTS OF KILOCYCLE,
Sundays
7:30 a.m. on 3910 kc.

STATE QCWA NET
Noon, Sunday, 7254 KHz

MOONPORT MICROWAVE
ASSOCIATION NET
Sundays at 2100 EST
Frequency 145.5 mhz.
Net Manager — WB4EHG

GATOR NET (GN)
Daily 8:30 a.m. on 7115 kc
Net Manager: W4IA

TROPICAL PHONE TRAFFIC
NET (TPTN) Daily except Sun.
5 p.m. on 3940 kc.
Net Manager: WB4HNL

FLA. AMATEUR SIDEBAND
TRAFFIC NET
(FAST) Daily except Sat.
6 p.m. on 3940 kc.
Net Manager: WA4SFF

WEST FLORIDA PHONE NET
(WFPN)
6 p.m. on 3957 kc. (2300Z)
Net Manager W4MQQ

FLA. PHONE TRAFFIC
NET Mon. thru Sat.,
7 a.m. on 3940 kc. Net
Mgr: W4NGR

FLA. MIDDAY TRAFFIC NET
Daily except Sun. at 12 noon
On 7254 kc. Net Mgr. W4SDR

NOVICE HURRICANE NET
(NHN) Sat. & Sun.
2:30 p.m. on 7165 kc.
Net Manager: WN4NCH

GOLD COAST EMERGENCY NET
6 Mtrs. 50.445 mc Mon. 2000 local
2 Mtrs. 145.23 mc Tues. 2000 local
WB4CKY, EC Broward Co., Mgr.

FLAMINGO NET
Friday, 7:30 P.M.
29.044 AM
Net Manager: W4GJ

CLUB LISTING
BROWARD AMATEUR RADIO
CLUB W4IAB
2nd Wed. of month, 7:30 p.m.
Broward County Courthouse
Mailing Address: P.O. Box 8673
Ft. Lauderdale, Fla. 33310 More info. call
523-1517, 584-1277

LAKE AMATEUR RADIO ASSN.,
INC. W4YKY
Meets each Thurs., 8 p.m. EST
Clubhouse, Springdale Ave.,
Bassville Pk., between Leesburg
and Tavares, Florida
Mail to Sec., 1270 Sheridan Rd.,
Mount Dora, Fla. 32757
Phone: 383-4548

HILLSBOROUGH AMATEUR
RADIO SOCIETY, INC. WA4GJJ
Meets 4th Tuesday, 7:30 P.M.
Odd Fellows Temple
6220 Nebraska Ave., Tampa, Fla.
Mail to: 12915 Veronica Ave.
(33612) Visitors always welcome

DADE RADIO CLUB, INC.
(W4NVU) 1st & 3rd Tuesday,
Museum of Science 8 p.m.
3280 So. Miami Avenue
Miami, Florida
Mailing address: P.O. Box 73
Biscayne Annex
Miami, Florida 33152

NORTH FLORIDA AMATEUR
RADIO SOCIETY W4IZ
2nd Thursday, 7:30 P.M.
Duval CD Headquarters
107 Market Street
Jacksonville, Fla. 32202

ST. PETERSBURG AMATEUR
RADIO CLUB, Inc. W4GAC
Meetings: 1st Friday
Azalea Community Center
1400 — 72nd St., No.
Mailing Address: P.O. Box 4026
For information phone:
345-0464 or 826-4294

ORLANDO AMATEUR RADIO
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8:00 p.m., Alachua CD Head-
quarters Basement, County
Court House, Mailing Ad-
dress: 1421 SW 13th Ave.,
Gainesville, Fla. 32601

TAMPA AMATEUR RADIO
CLUB, INC. W4DUG
Meetings: 1st & 3rd Mondays
7:30 p.m.
Club House: Davis Islands,
Columbia & Barbados
Mailing Address: 943 Cimmeron Ave.,
Tampa, Fla. 33603

SARASOTA AMATEUR RADIO
ASSN. INC.
meets 3rd Tuesday of each month 8 p.m.
At Sarasota Federal (S. Gate Branch)
Club Call W4IE in memory of Charlie
Service

WEST PALM BEACH AMATEUR
RADIO CLUB, INC.
P.O. Box 6834
Southboro Station
West Palm Beach, Florida 33405
Meetings: First Wednesday of each month
— 7:30 P.M.
823 Newark Street
West Palm Beach, Florida 33401
Information: Call 833-0775; 582-2337.

BISCAYNE AMATEUR RADIO CLUB,
2nd Wed. of month, 8:00 P.M. W4VMT
Village of Miami Shores Courtroom
10050 N.E. 2nd Ave.
Mailing Address: P.O. Box 305
Miami Shores, Fla. 33153

DAYTONA BEACH AMATEUR RADIO
ASSOC. K4BV
Meets 3rd Mon. each month
American Red Cross Bldg.
800 Volusia Ave.
Mail: P.O. Box 1608
Daytona Beach, Fla. 32015

GULFSTREAM SOCIETY OF AMATEUR
RADIO OPERATORS, INC. — WB4FPB
Meets 2nd, 3rd & 4th Fridays
7:30 p.m. Room 23, Civic Auditorium
Mailing Address: P.O. Box 461
Lake Worth, Fla. 33460
Phone: 582-3879

Hollywood Amateur Radio Club,
3rd Monday of month at 8 p.m.
Science Lab, Chaminade High School,
51st Ave. and Johnson St., Hollywood
Mailing Address: P.O. Box 6306,
Hollywood, FL 33021
Visitors always welcome.

PERSONAL LISTING

Sandy Donahue, WA4ABY
P.O. Box 1602, Hialeah, Fla. 33011 "Get
someone to subscribe to SKIP."



WHO SAYS YOU can't teach an old dog new tricks? Above is Henry Miller, W4VGJ, New Port Richey. Henry was first licensed in 1963. Since that time he's been studying diligently and now proudly displays FCC certificates for Amateur Extra, Elements 1, 2 and 5 Radio Telegraph Commercial ticket, Elements 1 and 2 Radio Telephone Commercial license plus Commercial Elements 1, 2 and 9 AM-FM Broadcast Station Operator Authorization. The last was awarded August 26, 1968. W4VGJ is 81 years old.



DICK KELLER WB8GEH recently moved to St. Pete. He is a Coast Guard radio operator, married and has 2 little QRM makers. The Kellers plan to make Florida their permanent home. Welcome aboard folks.

OUR HAM IN HOLLAND

By Al Suhr, WB4AID

Of all the nice things to do and places to see, none seem quite so romantic as Europe, at least that is how Alan Harp, WA4SVH, of Lake Park, Florida feels about his recent trip abroad. Alan's XYL, Maria comes from Hilversum, Holland and with young son Philip, the Harp's paid Maria's parents a visit last June and July.

Alan spent two days visiting Maartin de Gorter, PAOMDG. Upon returning to Hilversum, the Radio and TV capital of Holland, there was the thrill of spending two wonderful evenings in the shack of Jan Moene, PAOJM, who is a Sound Engineer celebrating his fortieth year with Radio Nederland.

In general, Amateurs in Holland find it very difficult to obtain parts for radio construction. They pay heavy duty on pieces from Western Germany or the United States. Local Manufacturers help in many instances.

Alan reports that PAOMDG will visit him — and use his station under the reciprocal agreement while Maartin is in the United States. Alan plans to apply for a PA9 call before his next trip to Holland. In the meantime there are many stories yet untold of the 1970 summer spent by our amateur in Holland.

DON'T BE A DO-DO

In the last few years, a new crop of do-do birds have crept into our ranks. We accept them only because to object to their presence would be to admit openly that we are not a "good guy", and of course everyone wants to be a good guy.

What would you think, if while talking to an acquaintance on a street corner, a perfect stranger came screeching over to you, yelling, "BREAK-BREAK-BREAK"? Now the "What's your handle? OM" followed by "Where you from?". By this time you have forgot what you were talking about, but that doesn't matter, your "DO-DO Bird" is full of important information and he usually takes over the subject of conversation anyway.

This happens only too often on the Ham Bands today. Just yesterday, I heard a couple of technical chaps expounding on the theory of some new beam antenna, it was getting real interesting. Would you believe it? Some DO-DO wanted to break, and did just that, and after getting an acknowledgement, proceeded to tell all about his DXCC-5 Band WAS project, or something. It wasn't even good listening matter, let alone polite etiquette.

If the shoe fits you, but I am

sure it won't because you are the fellow who takes the trouble to read this. Next time before you break, study the conversation. Do you have anything to add? Would it be worth while? Do you know these guys? Do you know where they are? Can I get on their exact frequency? By this time, with all negative answers, wouldn't it be better to slide down a few KC's and bat out a CQ of your own?

Now that you've got something going on your own, why not standby for breakers once in a while? This is the best way to meet new friends and new conversation ammunition. At the sign-off of your QSO, make it known what your intentions are, so that listeners or would-be breakers will know where and when to look for you. Lack of this information marks a poor operator and often times encourages this silly "BREAK-BREAK-BREAK" practice. Make it well known that you will listen on the frequency, or some mentioned frequency for at least five minutes before you QRT for good.

It is good etiquette to try to give the frequency back to the operator you are talking to, at the very end of the QSO. Most of the time he will be so surprised at your fine ethics that he will tactfully withdraw even though it might be his favorite frequency.

In the life-time of every radio amateur, there had to be a beginning. You asked yourself, "Now can I get that license?" Look around you now, you will find many budding amateurs that it is your duty to help, just as someone helped you. Don't forget to teach him well. Teach him how to use that license after he gets one, warn him about being a DO-DO, a darn ornery-dumb operator. Teach him this simple fact, "If more than one break is required, you're not exactly welcome". Teach him that when someone says, "Let's move down a KC or two" he means far enough to prevent a heterodyne, or QRM to someone else. Teach him that the tradition of amateur radio is the mark of being a good operator, and not a dumb operator.

The Old Timer



NORTH PARK TV

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	Globe LA1 Linear, 80 through 6 meters	40.00
	2 only, Webster Band-Spanner Antennas, each	30.00
	1 - HT37, like new	165.00
	1 - SX101A, mint condition	170.00
	1 - HT41 Linear, new finals	150.00
	1 - 14-117 Power Supply	90.00
	1 - Swan 350C w/opposite sideband (guaranteed 90 days)	300.00

NOTICE!!!

THE OMEGA-T ANTENNA NOISE BRIDGES ARE NOW AVAILABLE
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HAMBAR services of radio equipment ONLY will be available to all our subscribers, amateurs or non-amateur, at a rate of 25 cents or more for five (5) lines and 5 cents a word thereafter. There are approximately seven words to a line. Rerun ads must be resubmitted each month. NO dollar for 4 runs; etc.

Non-subscribers rate is \$1.00 for 5 lines and 5 cents each additional word.

To Commercial Business: Classified, undisplayed — 50 cents per line. Illustrative or General Display with border — \$3.50 min., \$60 page; Initial cost of cuts, additional. Cuts furnished, no charge. Deadline 10th of month.

An Advertising inch is measured 1/8" vertically on one column, i.e., 4 columns — 40 column inches to a page. Rate card by column inch supplied upon request. FLORIDA SKIP, Advertising Department, P.O. Box 501, Miami Springs, Fla.

FOR SALE: Hy-Gain tribander 157TG-3, four elements, 2000 watts max, excellent shape. \$40. Two section twenty foot tower, needs to be welded together, hinged base, \$12. Moseley El-Toro TW-3X open wire trap vertical 20, 40, 80 meters, 2000 PEP max, \$8.50. Heath VF-1 VFO, 11-40 meters, Good condition, \$10. Jim Bilancio, WA4RKS, 6534 Eastview Drive, Lantana, Fla., 33460. Phone 967-4532 after 6 p.m.

FOR SALE: Used 6 ft. Par-Metal cabinet with standard 19 inch panel drilling, mounted on rubber castors, \$5. Used forty meter 2 element Hy-Gain 402B beam \$40. No delivery. Pick up from E. H. Fritschel, W4DK, 2005 N.E. 62nd Ave., Ft. Lauderdale, Fla., 33308.

FOR SALE: Collins KWS-1 Xmitter \$450.00 pick up. Deal for H4, 75S or similar? Realistic DX-120 new \$60. offers considered. Alan Small, WB4MPN, 1564 S.E. 5th St., Deerfield Beach, Fla., 33441.

FOR SALE: TR4 recently factory overhauled \$375. AC with MS4, \$75. DC \$75. Package deal \$495. Harry E. Cudney, K4CAA, 1541 NE 11th St., Homestead, Fla., 33030. Phone 248-1712.

FOR SALE: SB-301 with six and two meter converters, CW and AM filters and speaker. Excellent condition, \$225. Walter H. Leveille, WA4VOO, 137 98th Ave., North St. Petersburg, Fla., 33702. Phone (813) 527-3431.

FOR SALE: Hustler 4BTV vertical \$20.00. 48 Ft. galvanized Spaulding tower \$95.00 AR-22 rotor \$15.00. One KWM-2 and power supply \$675.00 Clegg 99-er 6 meter transceiver \$45.00. Dick Mays, K4AXC, 1031 Hunting Lodge Dr., Miami Springs, FL 33166 Phone 888-6370.

WANTED: Heath a.c. power pack. Henry Horowitz, W4HO, 2903 Point East Dr., North Miami Beach, FL 33160 Phone 949-9752 Apt. K-303.

FOR SALE: COLLINS 100 KHz. plug in xtal calibrator for 75A1-2-3-4, \$15.00. Johnson 100 kc calibrator, switch and instructions \$12.00. Coax relay, with DPST switch, 6 VDC \$5.00. Percent Modulation 0 to 100 percent (with 0-1 ma scale) 3 inch round \$3.00. Sprague 12,000 MFD, can, 11 VDC. \$2.00. AMECO 6 meter converter Model CB-6 with xtal, tubes, coax nector etc. \$12.00. 40 meter center loading coil, total 32 ft required, not 66 feet. ARC-5, 3.95-5.3, 5.3-7.1, and 3-5 Mc. \$7.00 each. All FOB. Andy Clark, W4YIT, 41 Lenape Dr., Miami Springs, FL 33166. Phone 888-3874.

WANTED: AMECO, model OCM, (no connection to receiver). a.c. power supplies for PMR-7 and BC-221. Charles H. Dilks, W4AC, 610 Barcelona Ave., Veneta, FL 33595.

FOR SALE: Drake TR-4, AC-4, original cartons and manuals, MS-4, all in excellent condition \$500.00. Call-Ident Tymeter \$10.00. Brown Bros. dual paddle \$10.00. SWAN TB-1000-3, 6 months old, -60.00. TR-44 rotor, 6 months old, w-control box and 100 ft. cable \$40.00. 38-foot two section crank-up tower, with guys and two screw anchors, free with TR-4 or TB-1000-3. Michael W. Hardee WB4OGL, 320 Bahamas Ave., Temple Terrace, FL 33617. Phone (313) 988-3255.

FOR SALE OR TRADE: Heath Sixer \$35.00. Heath Twoer \$25.00, plus shipping. Both with mikes. Heath GP-11 power supply \$10.00. WANTED: Tube checker (no surplus), receiver, B&W 550A antenna switch. Arthur Ideker, 1505 West 14th, Pine Bluffs, ARK. 71601 (501) 534-6005.

FOR SALE: Swan 350 transceiver, 117C power supply with speaker, Astatic 10D mike, Hustler 4 band trap verticle, desk and chair, \$360. Glenn C. White, WB4POU, 4854 Lake Charles Dr., Kenneth City, Fla., 33709. Phone 544-8118.

FOR SALE: Heathkit station. SB-101 transceiver with both filters, AC supply, speaker, mike, electronic keyer, recent Heathkit factory alignment. Perfect. All like new with manuals and cables. Kits cost \$544. Now only \$400 complete plus shipping. Marshall Goldblatt, WAEMB, 11901 SW 70 Ave., Miami, Fla., 33156. Phone (305) 666-6997, after 6:30 p.m.

WANTED: Emergency Coordinators in the following Western ARRL Florida sections: Calhoun, Dixie, Gadsden, Hamilton, Holmes, Jefferson, Liberty, Madison counties. For details write Frank Butler W4RKH, SCM W. Fla., 323 Elliott Rd. SE, Ft. Walton Beach, Fla. 32548.

TRANSFORMERS REWOUND. JESS PRICE, W4CLJ. 411 Gunby Ave., ORLANDO, FLA. 32801 Phone (305) 425-7251.

COLLECTING old battery radios, parts, literature for hobby and preservation only — not profit! Must be reasonable. Please describe or sketch. All letters answered and everything appreciated. Thanks. Al Canning WB4HAK, 1 John Alden Way, Orlando, FL 32808.

SWAP OR SELL: JOHNSON Valiant transmitter, 275 watts 160-11-10 meter am and c.w. Has SSB linear function also excellent for RTTY usage and PTT. Going price \$149.95, will ship FOB. Make offer. Bob Sturgis WB4BYJ, 310 Noel Rd., Orange Park, FL 32073. Phone 904-264-2738. Note: On the air tests OK 10-15-20 meters.

FOR SALE: SWAN MARK II 6B linear (3-5002 tubes) used less than 3 hours. Works perfect, spotless, guaranteed \$500.00. SBE-34, excellent condition, mike (SBE), Hustler bumper mount-spring, 40-20 resonators, HB hump mount, manual, cables all \$250.00. On 40 meters now. Robert Lock, WB4LUE, 10177 - 106th Ter. North, Largo, Fla. 33540

FOR SALE: MOSLEY beam, TA-33 Senior, Rotator, CDR tr-44, control box and cable, present cost new \$219.00 sell for \$125.00 cash. Hustler 4BTV 4 band trap verticle antenna, \$25.00 Ed Sipple, WB4OKH, 525 Elizabeth Pl., Daytona Beach, Fla. 32019 Phone 767-5974.

SALE OR TRADE: 2 and half KW generator. Want HW-32A, Galaxy d.c. power supply. Used five hours with Original carton. Jack Six, W4YPA, 1081 Cobblestone Ave., Deltona, Fla. 32763 Phone 305-668-6881.

SELL: SB-301 with AM and CW filters, \$250.00 or best cash offer. Knight T-60 transmitter, asking \$25.00. Collins 32S-1 transmitter, asking \$325.00. Galaxy III with AC supply, asking \$200.00. Heath HW-32, \$85.00. HP-13 supply \$50.00, package \$100.00. SWAN 260 asking \$300.00. John Fearon, W4WKP, 3384 Peachtree Road., N.E., Suite 705, Atlanta, GA. 30326.

SALE: CB Transceiver, 23 channels with crystals, 117 v.a.c. - 12 v.d.c. CLR-2 Hy-Gain base antenna and A S mobile antenna, complete \$90.00. Midland 5 watt, 6 channel walkie-talkie with crystals, brand new \$70.00. Take all \$140.00. Saul Cohen, K4ACJ, 4524 Michigan Ave., Miami Beach, Fla. 33140 Phone 531-9782.

ESTATE SALE: (K4KGF) Heath SB-301 receiver \$280., SB-401 transmitter - 280.00, SB-600 speaker \$15. HD-19 phone patch \$18.00. Hallicrafters SR-150 transceiver with PS-150-120 power supply -275.00. Hunter Bandit 2000A Amplifier \$250.00. RCA WO-33A oscilloscope \$65.00. WV-98A senior VoltOhmyst VTVM \$80.00. 3 - 572BT amplifier tubes \$15.00 each. Model 14 reperfurator \$35.00. Model 14 teletype TD unit \$30.00. 2 model 15 teletype machines \$40.00 each. E+Z Way 40 foot Galvanized crank up tower \$125.00. 4 Element Hornet tri-band beam \$100.00 Ham M rotor \$75.00. Mrs. Harold Cutler, 1514 Palmetto St., Clearwater, FL 33515 Phone 813-442-2058.

WILL TRADE SWAN 410-C outboard VFO and 22B adapter with instructions, for Heath SB-610 signal monitor with manual. Prefer Pinellas or Hillsborough County so I may see it work. Swan combination in excellent shape, and cost me \$140.00. If no trader, will sell for \$95.00 firm. Harry A. Cole, W4DLL, 2213 Hennessey Drive, Clearwater, Fla. 33516 Phone 513-531-7409 after 5 PM and week ends.

FOR SALE: HQ-110C and Apache TX-1, both have had excellent care. How about an offer? Ted Tiemeyer, WA4VBM, 15720 SW 76 Ave., Miami, FL 33157 Phone 235-4844.

DON'T GUESS at operating privileges. 8 and a half by 14 inch wall chart displays at a glance FCC frequency allocations and authorized emissions for novice through extra class, 3.5 thru 248 MHz. Price 50c. K. H. Nichols K4ZDT, 7280 Danbury Way, Clearwater, Fla. 33516.

GUARANTEED REPAIR ON ALL AMATEUR RADIO EQUIPMENT. ALL PROFESSIONAL TEST EQUIPMENT USED. FOR MORE INFORMATION CALL, BOB POHORENCE, K2RDM 4, 11046 NW 6th Lane, Miami, Fla. 33126 Phone 305-222-5687.

FOR SALE: Instructograph, 10 tapes, \$39.00. SX-117 all xtals \$150.00. Electronic Keyer, Vibroplex \$45.00. Walt Thain, WB4KKR, 6200 NW Miami Ct., Miami, Fla. 33150 Phone after 1 p.m. 751-4881.

FOR SALE: Hammarlund FM-50A, international crystals for 146.94, cost new \$14.30 will sell for \$8.00. Send money and I will send rocks postpaid. James P. Brooks WA4BEV, 728 Stillwater Dr., Valdosta, GA 31601.

HELP WANTED: Old established company has an opening for a permanent employee with a knowledge of radio parts and equipment. Licensed Amateur radio operator with the ability to speak Spanish will be given preference. Give full details in writing to FLORIDA SKIP, Dept. W, P.O. Box 501, Miami Springs, Fla. 33166.

WANTED: YOU to attend Tampa Hamfest, Sunday, October 11, 1970. See ad elsewhere.

FLORIDA PUBLIC SERVICE CORPS

Ken W4SMK

There is a growing feeling among many people, including many amateurs, that in these days of sophisticated communications the ARPSC is becoming more and more unnecessary. After all there are a lot more CB'ers than there are hams to handle local communications, and the telephone companies can quickly restore long distance lines in most situations, so why are we wasting our time with all these drills and stuff? Why indeed?

The only real reason we should is because it is right for everyone (be he amateur CB'er, commercial operator, etc.,) once in awhile to do something unselfishly to provide help to people who need it. Now you don't have to be a gung-ho character who is always on a 24-hour red alert status waiting for a big disaster. All you have to do is be ready to do a little bit on rare occasions, in an intelligent manner, to show that you are not completely selfish in the pursuit of your hobby. If we all just do a little bit when needed the burden will not always fall on the faithful few.

Amateur radio still remains the most flexible form of emergency communications available manned by volunteers. What other group can put in the field stations operating on emergency power, VHF, HF, SSB, CW, RTTY, mobile, etc., excluding the military? There will be long a place for amateur radio in emergencies, even as advanced as we are in this country with communications, and for many other countries who are much farther behind us there is a crying need for amateurs.



MEET MIKE GRAHAM, WB4OUD, EC for Monroe County in Key West. Mike is stationed aboard a Navy sub. He is active on c.w. and SSB but has a real antenna problem at his trailer mobile home. Mike and his group plan to reopen K4NCN, Naval club station very soon.



THE HOLLYWOOD AMATEUR Radio Club, set up an amateur station at their "Fun Fair". Here is Hal, WB4HSB doing his bit for the on-lookers. —photo via WB4CKY



BILL CHARLESTON, WB4IAE mans all-band cw position for Florida Field Day defending champs, W4IZ. NOFARS (Jax) broke all club records with their 2,333 QSO's with three transmitters running simultaneously. QTH, as always, the press box of the Gator Bowl.

HOW ABOUT TALKING OF FLORIDA SKIP ON THE AIR? SAYING NICE THINGS OF COURSE. HUH?

COMING EVENTS

October 10-11	Floridara YL Contest
October 11	HARS Tampa Hamfest
January 23-24, 1971	Miami Hamboree

5 Men In A Canoe

(Continued from Page 1)

this was to become the rule rather than the exception. Due to our late start and the rough water we didn't make very good time and we were lucky to reach a campsite before nightfall. By then we missed our evening sked. Thus the pattern developed. There was always something unforeseen that kept us from stopping and keeping our skeds.

The trip was taking longer than we had planned and after our second day out we had yet to make one of our skeds — although we had tried to contact WB4EPD that noon unsuccessfully. We concluded that the vertical wouldn't get us out and that we would have to go the dipole — but where to string it with water and mangrove swamp all about us. On the third day we thought we would take a short cut and make up some lost time. Alas we got ourselves up a creek, both figuratively and literally. When the tide went out we were left high and dry — fortunately for us it did not rain, but spending the night in a loaded canoe was no joy. When morning came we started backtracking, more determined than ever to establish radio contact. Our time was running out and we had completed only half the trip. Soon the park rangers would be looking for us. Once out of the creek we headed for the Gulf which we hit in the evening. There we found a large oyster bar — first firm earth we had felt in days. While sampling fresh oysters we quickly got the dipole up six feet in the air between a mangrove tree and a huge piece of driftwood.

Again we were too late for our evening sked! But as the sun sank into the Gulf we made contact with Thomas Terry, WA4BYV, in Bradenton who kindly called the XYL of WB4JAO in Gainesville and informed her of our progress or lack of progress. She in turn called the park rangers and told them we would be coming in late. She also informed loved ones in Gainesville of our delay.

Amazing what one watt of rf and a dipole six feet off the ground can do. From then on in we started making our morning skeds with Don, K4BGF, in Gainesville. Doc, WB4JXK, in Fort Lauderdale stood by as a relay station. But most of the time we were 579 in Gainesville.

On our sixth day out, Don informed us of heavy thunderstorms headed our way. Needless to say we broke camp quickly and headed north using outboard motors. About noon the storm hit us but we pushed on, as wet as we were, and finally terminated the trip that evening in the Everglades.

With hindsight we can say now that we should have chosen our sked times better and that we should have field tested the vertical in the canoe before the trip. We would like to thank all those Florida hams who were listening for us — even if we didn't make the skeds. It was reassuring to know someone was there if an emergency did arise. Lastly, but not least, we are indebted to the park rangers who more than went out of their way to see that our trip was a success.